

Roy Strong
Colorimetric
1711 Clover Road
Mishawaka, Indiana 46545

Re: Registration Renewal
141-13723-00034

Dear Mr. Strong:

The application from Colorimetric received on December 28, 2000, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following putty manufacturing operation, located at 1711 Clover Road, Mishawaka, Indiana, 46545 is classified as registered:

- (a) Seven (7) small natural gas fired space heaters with a total heat input capacity of 1.4 MMBtu/hr.
- (b) Five (5) mixing units with a total hourly powder handling rate of 3266 lbs/hr, using two (2) baghouses to control PM emissions.

The following conditions shall be applicable:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

This registration is a registration renewal issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.1-2(a)(3). The annual notice shall be submitted to:

**Compliance Data Section
Office of Air Quality**

**1000 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

ERG/RB

cc: File - St. Joseph County
St. Joseph County Health Department
Air Compliance - Rick Reynolds
Northwest Regional Office
Permit Tracking - Janet Mobley
Technical Support and Modeling - Michele Boner
Compliance Data Section - Karen Nowak

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(a)(3).

Company Name:	Colorimetric
Address:	1171 Clover Road
City:	Mishawaka, Indiana 46545
Authorized individual:	Roy Strong
Phone #:	(219) 259-0211
Registration #:	141-13723-00034

I hereby certify that Colorimetric, is still in operation and is in compliance with the requirements of Registration 141-13723-00034.

Name (typed):
Title:
Signature:
Date:

Appendix A: Emissions Calculations - Summary

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Company Name: Colorimetric
Address City IN Zip: 1711 Clover Road, Mishawaka, Indiana 46545
CP: 141-13723
Plt ID: 141-00034
Reviewer: ERG/RB
Date: January 19, 2001

Uncontrolled Potential Emissions (tons/yr)

Process	PM*	PM10*	SO2	NOx	VOC	CO
Combustion	0.05	0.05	0.00	0.00	0.30	0.52
Mixing	5.56	5.56	0.00	0.00	0.00	0.00
Total	5.61	5.61	0.00	0.00	0.30	0.52

Uncontrolled Potential Emissions (lbs/hr)

Process	PM*	PM10*	SO2	NOx	VOC	CO
Combustion	0.01	0.01	0.00	0.00	0.07	0.12
Mixing	1.27	1.27	0.00	0.00	0.00	0.00
Total	1.28	1.28	0.00	0.00	0.07	0.12

Controlled Potential Emissions (tons/yr)

Process	PM*	PM10*	SO2	NOx	VOC	CO
Combustion	0.05	0.05	0.00	0.00	0.30	0.52
Mixing	0.56	0.56	0.00	0.00	0.00	0.00
Total	0.61	0.61	0.00	0.00	0.30	0.52

Controlled Potential Emissions (lbs/hr)

Process	PM*	PM10*	SO2	NOx	VOC	CO
Combustion	0.01	0.01	0.00	0.00	0.07	0.12
Mixing	0.13	0.13	0.00	0.00	0.00	0.00
Total	0.14	0.14	0.00	0.00	0.07	0.12

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

Appendix A: Emissions Calculations

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MM BTU/HR <100

Company Name: Colorimetric
Address City IN Zip: 1711 Clover Road, Mishawaka, Indiana 46545
CP: 141-13723
Plt ID: 141-00034
Reviewer: ERG/RB
Date: January 19, 2001

Cyclone/Baghouse	Tons/Year	Lbs/hr
Dust collected	5.00	1.14
Annual hours of operation	2500	
Adjustment for maximum hours of operation	17.52	4.00
Estimated controll efficiency	90.00%	
Total uncontrolled emissions	5.56	1.27
Total controlled emission	0.56	0.13